



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

TS

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

08/624,564 04/10/96 FENOUIL

R LLD.101U

EXAMINER

LM01/0413

FINNEGAN, HENDERSON, FARABOW
GARRETT & DUNNER, L.L.P.
1300 I STREET, N.W.
WASHINGTON DC 20005-3315

FLYNN, N

ART UNIT

PAPER NUMBER

2711

DATE MAILED:

04/13/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

06/624,564

Applicant(s)

Fenouil

Examiner

Nathan J. Flynn

Group Art Unit

2711

☒ Responsive to communication(s) filed on Feb 2, 2000.

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 6-14 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☒ Claim(s) 10-13 is/are allowed.

☒ Claim(s) 6-9 and 14 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2711

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claim 14 is rejected under 35 U.S.C. 102(e) as being clearly anticipated by Goolcharan (5,283,638).
3. Claims 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Georger. (5,363,068).

As to claim 6, George teaches transmitting and receiving multiple vide signals using a multiple conductor twisted pair cable to the info outlet (ie. hub). George teaches that the cable contains four twisted pair, three of which is used to transmit analog video and one is used for telephone service. The examiner takes Official notice that it is old and very well known in the art to use the twisted pair cable disclosed by George for bidirectional data transmission. An example of this would be a LAN based on category 5 wiring. It would have been obvious to one of ordinary skill in the art to incorporate data channels into the system of George because it would allow for both video applications and computer applications on a common pre-installed network.

4. Claims 7-9 are still rejected under 35 U.S.C. 103(a) as being unpatentable over Bordry et al. in view Foglia (4,885, 747)

Art Unit: 2711

As to claim 7, Bordry et al. teach transmitting analog video and digital data signals on separate twisted pair wires. They do not specify attenuating the digital signal to reduce cross talk interference. The Examiner takes Official notice that it is old and well known in the art to reduce the strength of a signal prior to transmission so as to prevent them from interfering with other signals and a common cable. It would have been obvious to one of ordinary skill in the art to modify the system of Bordry et al. in this manner because it would improve the performance of the system.

Brody et al. does not teach the use of a hub as now claimed. In a similar system Foglia teaches using a wiring closet as a hub. It would have been obvious to one of ordinary skill in the art to add a hub to the system of Brody et al. because it would allow the system to accommodate more terminal/TVS.

As to claim 8, Bordry et al. teach that the signal should be equalized upon reception.

As to claim 9, Foglia. teaches that all of the signals are sent to a wire closet and it is old and well known in the art that wiring closets typically contain a switching matrix.

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after

Art Unit: 2711

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any response to this final action should be mailed to:

Box AF

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 305-9051, (for formal communications; please mark "EXPEDITED
PROCEDURE")

Or:

(703) 308-5359, (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal
Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan J. Flynn whose telephone number is (703) 308-6601. The examiner can normally be reached on Monday-Thursday from 7:00 a.m. to 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile, can be reached on (703) 305-4380.

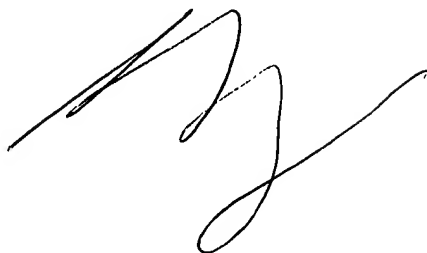
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9000.

Application/Control Number: 08/624,564

Page 5

Art Unit: 2711

Nathan J. Flynn
Primary Examiner
Art Unit 2711
April 10, 2000

A handwritten signature in black ink, appearing to be 'Nathan J. Flynn', written in a cursive style.

Nathan Flynn
Primary Examiner